

Hybrid Polypeptide



NH₂ - AMFQDPQERPRKLPQLCTEL

-LLRREVYDFAFRDLCIVYRDGNPY-

·KISEYRHYCYSLYGTTLEQQYNK·

TLHEYMLDLQPETTDLYSY

QAE PDRAHYNIVTF

-LLMGTLGIVCPICSQKP - COOH

HPV 16
E6 PROTEIN
3 SEGMENTS

HPV 16
E7 PROTEIN
3 SEGMENTS

(SEQ ID NO:126)

Fig. 2

16E7 44-52 peptide-induced CTL lyse HLA-A1 targets infected with VacHPV16 E6E7 domain recombinant

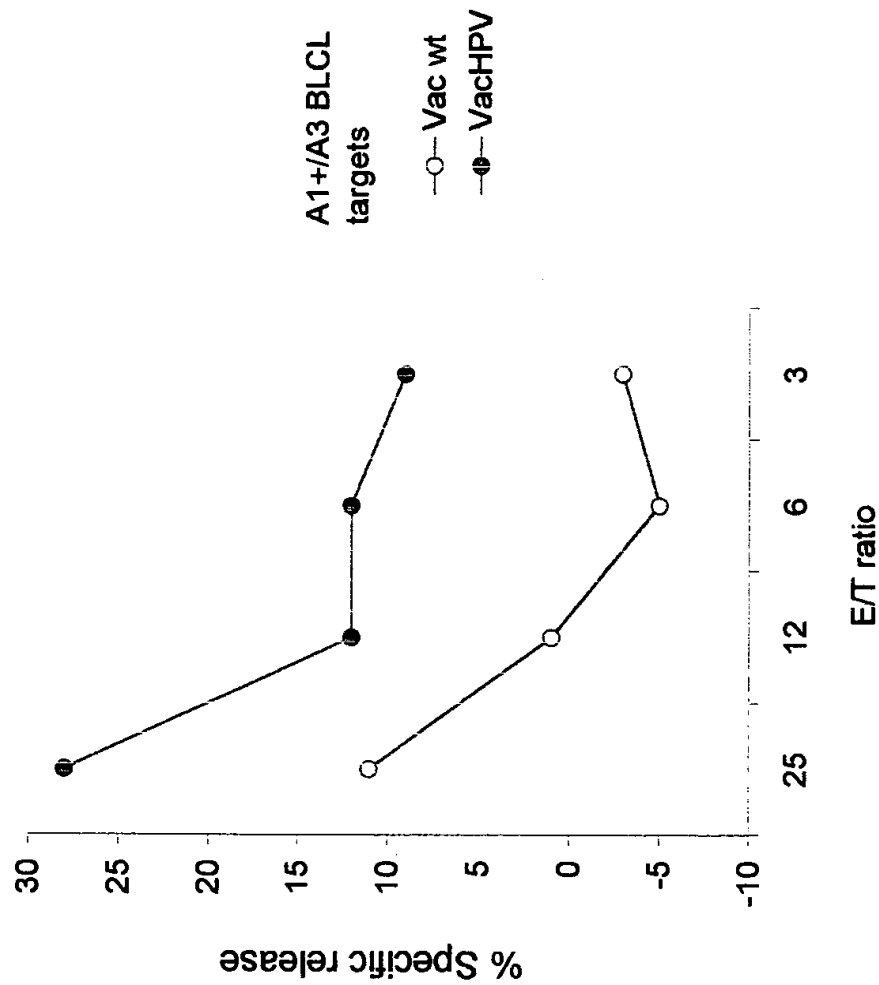


FIG. 3

YCKTVLELTEVFEFAFK
SVYGDTLEKLTNTGLYNLLIRCLRCQK
KATLQDIVLHLEPQNEIPV
HTMLCMCKCEARI
AFQQLFLNTLSFVCPWC - COOH

HPV 18
E7 PROTEIN
3 SEGMENTS

Fig. 4

[illegible]

NH₂ - AMFQDPQERPRKLPQLCTEL

LLRREVYDFAFRDLCIVYRDGNPY

HPV 16
E6 PROTEIN
3 SEGMENTS

KISEYRHYCYSLYGTTLEQQYNK

TLHEYMLDLQPETTDLYSY

QAEPDRAHYNIVTF

HPV 16
E7 PROTEIN
3 SEGMENTS

LLMGTLGIVCPICSQKP

RRPYKLPDLCTELNTSLQDIEITCV
YCKTVLELTEVFEEFAFK

HPV 18
E6 PROTEIN
2 SEGMENTS

SVYGDITLEKLTNTGLYNLLIRCLRCQK

KATLQDIVLHLEPQNEIPV

HTMLCMCKCEARI

HPV 18
E7 PROTEIN
3 SEGMENTS

AFQQFLNTLSFVCPWC - COOH

(SEQ ID NO:157)

Fig. 5

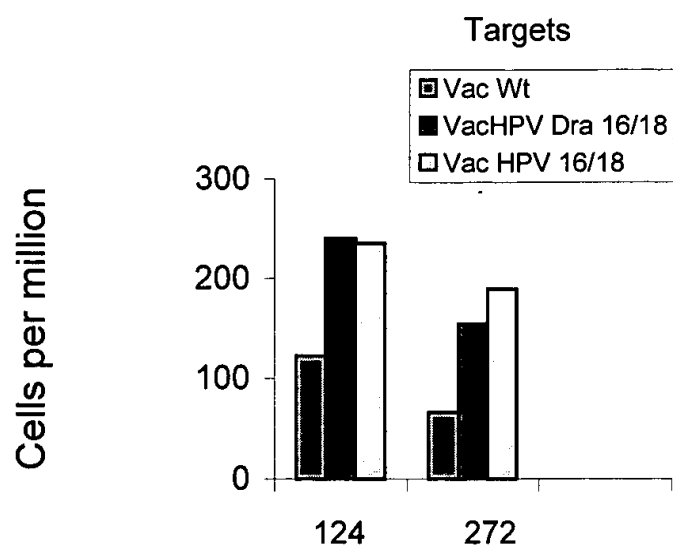


Fig. 6